

HURRICANE HARVEY CHRONOLOGY

1 SEPTEMBER 2017

Special Notes

1. EPA is beginning to initiate field activities in the Houston area. Two branches have been established, Houston West and Houston East and preparations are underway to mobilize personnel. Field activities include environmental sampling, RNA, assessments of drinking facilities, oil assessment, and an ER team to respond to incidents identified during RNA.

Challenges to the teams (EPA and START) include securing a suitable quantity of lodging and access to fuel.

TDD No.: Pending—Hurricane Harvey Corpus Christi – OSC Nic Brescia/John Martin. Ben Latham - START Team Leader.

START was tasked by OSC Brescia to provide support for response activities in the Corpus Christi area. EPA operations include rapid needs assessment (RNA) activities through aerial reconnaissance. Two helicopters completed RNA aerial support. OSC Brescia released the helicopters from the incident and they will be demobilized from the site Saturday. Today, START continued to provide support to the following activities – RNA including aerial reconnaissance, SitRep/IAP, and response manager IT data management of reconnaissance data. EPA identified an orphan container collection staging area in the Corpus Christi area. START was tasked to collect soil samples of this staging area prior to placement of recovered orphan containers.

The following summarizes activities during this reporting period:

- FIELD: 7 personnel.
- REOC: 0 personnel
- HOME OFFICE SUPPORT: There is additional support (Planning, Logistics, Finance) as necessary for tasked activities.

TDD funding totals \$ pending. OSC Brescia is the tasking OSC. START understands a TDD has been initiated by either OSC Brescia or OSC John Martin. OSC Martin is the Hurricane Harvey Incident Commander and OSC Brescia as the Operations Section Chief for EPA's response to the disaster. START estimates \$32,000 were incurred today and the total incurred to-date is \$67,000.

TDD No.: Pending—Hurricane Harvey REOC Support – OSC Althea Foster. David Crow - START Team Leader.

This TDD provides direction for START to provide planning support and prepare/update QASP documents for potential multi-media sampling/monitoring (surface water, sediment, and soil). NDOW support is also provided by 1 START at the TCEQ office in Austin, TX. Additional resource requests issued to START today include 1 START to the state EOC in Austin, TX to support OSC McAteer, 1 START at the REOC to support data collection with the REOC management team, 1 START to support SitRep/IAP updates during the night operational period. The requests for state EOC and REOC data collection activity support is to begin on Saturday, 2 September.

The following summarizes the activities during this reporting period:

- FIELD: 1 personnel
- REOC: 6 personnel, estimated 12-hour days.
- HOME OFFICE SUPPORT: There is additional support (Planning, Logistics, Finance) as necessary to support tasked activities. Also, additional NDOW support is occurring from home office locations.

TDD funding totals \$ pending. OSC Foster is the tasking OSC. START understands a TDD has been initiated. START estimates \$19,000 were incurred today and the total incurred to-date is \$54,000.

TDD No.: Pending—Arkema chemical facility explosion ER – Tasking OSC Althea Foster.
Responding OSCs - Roberto Bernier, Randy Guidry, Bill Rhotenberry, and Pratisha Adams.
Toryus Brantley - START Team Leader.

During the early morning hours of 31 August, two explosions were reported at the Arkema chemical manufacturing facility in Crosby, TX. Initial response activities included air monitoring and incorporation into on-scene incident command. Today START was tasked to provide sampling and analytical support. Six samples were collected from flood waters in the vicinity of the facility.

At this time, OSC Foster is evaluating assignment of a separate TDD for this ER or incorporation into the overall Hurricane Harvey response TDDs. START estimates \$13,000 have been incurred to-date.

TDD No.: 0001/17-017— REOC Technical Support – OSC Eric Delgado. Janine Latham - START Team Leader.

START understands support for the Hurricane Harvey disaster transitioned to an incident-specific TDD effective Tuesday, 29 August. Support through the REOC Technical Support TDD has been discontinued.

TDD No.: 0001/17-017— R6 NDOW TX Training & Exercise – OSC Nic Brescia. Ben Latham - START Team Leader.

START understands support for the Hurricane Harvey disaster transitioned to an incident-specific TDD effective Tuesday, 29 August. Support through the R6 NDOW TX Training & Exercise TDD has been discontinued.